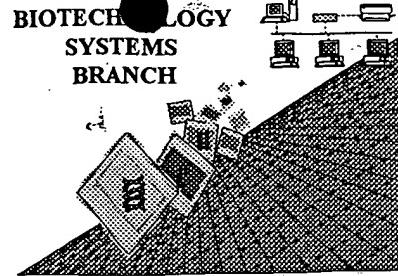


## RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/445,788  
Source: 1645  
Date Processed by STIC: 8/7/2001

RECEIVED  
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TECH CENTER 1600/2300

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

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The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:  
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1645

5. Geusee  
RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/445,788

DATE: 08/07/2001  
TIME: 10:19:15

Input Set : A:\09445788 seq list.txt  
Output Set: N:\CRF3\08072001\I445788.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

E--> 6 (i) APPLICANT:

13 (iii) TITLE OF INVENTION: LIVE ATTENUATED VACCINES

15 (iii) NUMBER OF SEQUENCES: 18

E--> 0 (iv) CORRESPONDENCE ADDRESS:

8 (B) STREET: 20 Park Crescent

9 (C) CITY: London

10 (E) COUNTRY: United Kingdom

C--> 11 (F) ZIP: W1N 4AL

C--> 17 (v) COMPUTER READABLE FORM:

18 (A) MEDIUM TYPE: Floppy disk

19 (B) COMPUTER: IBM PC compatible

20 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

21 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

C--> 23 (vi) CURRENT APPLICATION DATA:

C--> 24 (A) APPLICATION NUMBER: US/09/445,788

C--> 0 (B) FILING DATE: 06-Jan-2000

C--> 0 (viii) ATTORNEY/AGENT INFORMATION:

7 (A) NAME: MEDICAL RESEARCH COUNCIL

Does Not Comply  
Corrected Diskette Needed

ERRORED SEQUENCES

see p. 2 and p. 3

09/445,788

2

(1) GENERAL INFORMATION:

- (i) APPLICANT: *↑ move up - all responses must be on same line or heading*  
~~delete~~  
(A) NAME: MEDICAL RESEARCH COUNCIL  
(B) STREET: 20 Park Crescent  
(C) CITY: London  
(E) COUNTRY: United Kingdom  
(F) POSTAL CODE (ZIP): W1N 4AL

(ii) TITLE OF INVENTION: LIVE ATTENUATED VACCINES

(iii) NUMBER OF SEQUENCES: 18

(v) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

6.1 CORRESPONDENCE ADDRESS:  
(W) ADDRESSEE:  
(S) STREET:  
(C) CITY:  
(S) STATE:  
(C) COUNTRY:  
(Z) ZIP:

(vi) CURRENT APPLICATION DATA:

→ (A) APPLICATION NUMBER: WO PCT/GB98/01683

→ (B) FILING DATE:

*move down*

*add these  
MANDATORY  
headings and  
responses*

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER:

(B) FILING DATE:

EPO format  
is invalid  
for U.S.  
Applications

09/445,788 3

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:

CGCAGCAGGA ATTCCCGTTT ATCG

24

O -1- delete

**VERIFICATION SUMMARY**  
PATENT APPLICATION: US/09/445,788

DATE: 08/07/2001  
TIME: 10:19:16

Input Set : A:\09445788 seq list.txt  
Output Set: N:\CRF3\08072001\I445788.raw

L:11 M:220 C: Keyword misspelled or invalid format, [(F) ZIP:]  
L:17 M:220 C: Keyword misspelled or invalid format, [(v) COMPUTER READABLE FORM:]  
L:23 M:220 C: Keyword misspelled or invalid format, [(vi) CURRENT APPLICATION DATA:]  
L:23 M:220 C: Keyword misspelled or invalid format, [(vi) CURRENT APPLICATION DATA:]  
L:24 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:24 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:6 M:200 E: Mandatory Header Field missing, [(i) APPLICANT:] of (1) Value not provided  
L:0 M:200 E: Mandatory Header Field missing, [(A) ADDRESSEE:] of (1)(iv)  
L:0 M:248 E: Inserted missing Mandatory Header Field, [(iv) CORRESPONDENCE ADDRESS:]  
L:0 M:247 C: Inserted Optional Header Field, [(viii) ATTORNEY/AGENT INFORMATION:]  
L:0 M:249 C: Inserted Mandatory Field, [(B) FILING DATE:]  
L:319 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18